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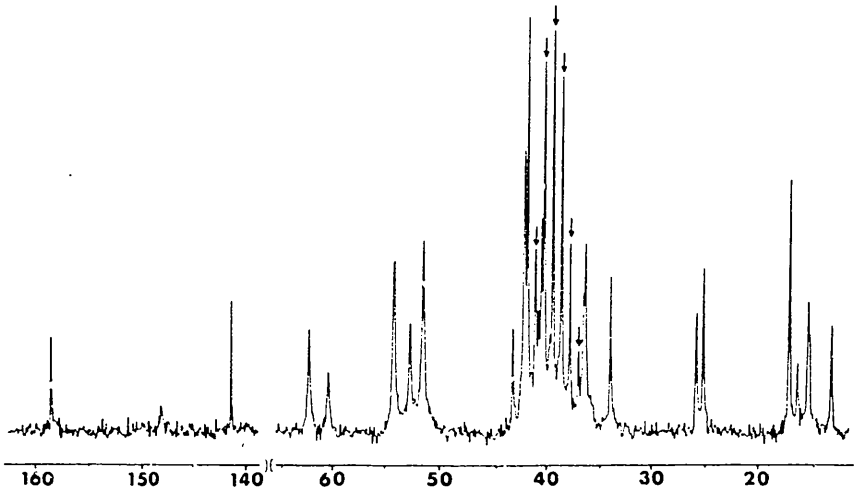
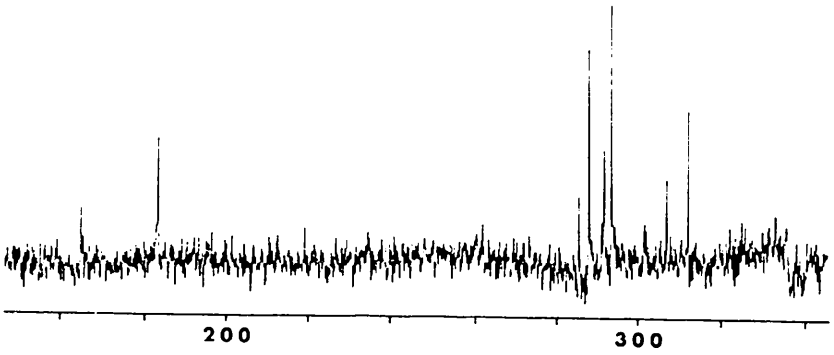
YAVARI

PP 4689-4693

G-4693-M1

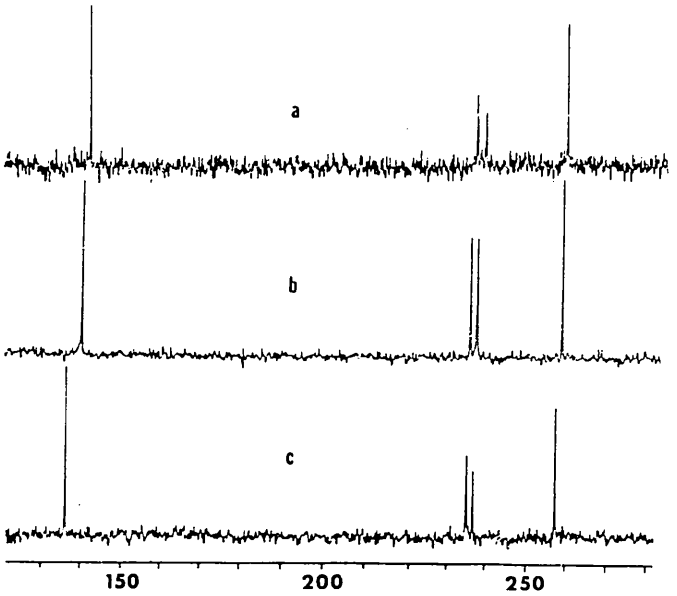


Natural-abundance, 25.2-MHz ^{13}C NMR spectrum of 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride, 10, in dimethyl sulfoxide-d_6 at room temperature. The peaks markes with arrows arise from the solvent.



Natural-abundance ^{15}N NMR spectrum (ppm upfield from $H^{15}NO_3$) of a saturated solution of 10 in dimethyl sulfoxide at room temperature. Protons are noise-decoupled by a gating procedure to quench the NOE; 12500 transients were accumulated in 23 hours.

G-4693-M2



Natural-abundance ^{15}N NMR spectra (ppm upfield from $H^{15}NO_3$) of (a) N, N'-dicyclohexylcarbodiimide in methyl iodide after reflux for 50 h, 1050 transients; (b) N, N'-dicyclohexylcarbodiimide in dimethyl sulfate (50% v:v) warmed at 70° for a few minutes, 800 transients; (c) N, N'-diisopropylcarbodiimide in dimethyl sulfate (50% v:v) warmed at 70° for a few minutes, 720 transients.